

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/024949

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08F10/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 461 775 A2 (SHELL OIL COMPANY) 18 December 1991 (1991-12-18) the whole document -----	1-7
X	US 5 118 768 A (JOB ET AL) 2 June 1992 (1992-06-02) the whole document -----	1-7
X	US 5 270 410 A (JOB ET AL) 14 December 1993 (1993-12-14) the whole document -----	1-7
X	WO 94/06833 A1 (SHELL OIL COMPANY) 31 March 1994 (1994-03-31) the whole document ----- -----	1-7 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

2 February 2005

Date of mailing of the international search report

11/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Balmer, J-P

1

INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT,	004/024949

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 399 837 B1 (WILSON STANLEY EDWARD ET AL) 4 June 2002 (2002-06-04) the whole document -----	1-7
Y	US 4 673 661 A (LOEFGREN ET AL) 16 June 1987 (1987-06-16) the whole document -----	1-7
Y	EP 0 398 439 A2 (SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V; MONTELL TECHNOLOGY COM) 22 November 1990 (1990-11-22) the whole document -----	1-7
A	US 5 362 416 A (COSTA ET AL) 8 November 1994 (1994-11-08) the whole document -----	1-7

INTERNATIONAL SEARCH REPORT

Intern	Application No
PCT/US2004/024949	

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0461775	A2	18-12-1991	US 5034361 A AT 132508 T CA 2043128 A1 DE 69115997 D1 DE 69115997 T2 ES 2084103 T3 GR 3019484 T3 JP 6041220 A	23-07-1991 15-01-1996 25-11-1991 15-02-1996 30-05-1996 01-05-1996 31-07-1996 15-02-1994
US 5118768	A	02-06-1992	US 5164352 A	17-11-1992
US 5270410	A	14-12-1993	US 5270276 A AT 145925 T AU 650234 B2 AU 5655790 A CA 2053266 A1 DE 69029324 D1 DE 69029324 T2 EP 0470171 A1 ES 2097146 T3 JP 3021037 B2 JP 4504875 T KR 9403857 B1 WO 9012816 A1	14-12-1993 15-12-1996 16-06-1994 16-11-1990 26-10-1990 16-01-1997 30-04-1997 12-02-1992 01-04-1997 15-03-2000 27-08-1992 04-05-1994 01-11-1990
WO 9406833	A1	31-03-1994	AU 4859193 A	12-04-1994
US 6399837	B1	04-06-2002	US 6124507 A AU 9696898 A BR 9805146 A CA 2255801 A1 EP 0926119 A1 JP 11263742 A	26-09-2000 01-07-1999 14-12-1999 10-06-1999 30-06-1999 28-09-1999
US 4673661	A	16-06-1987	DE 3501858 A1 AT 61593 T CA 1263858 A1 CN 86100355 A ,B DE 3678019 D1 DK 30986 A ,B, EP 0198151 A2 FI 850322 A JP 61168604 A NO 860201 A ,B, US 4724255 A	24-07-1986 15-03-1991 12-12-1989 13-08-1986 18-04-1991 23-07-1986 22-10-1986 23-07-1986 30-07-1986 23-07-1986 09-02-1988
EP 0398439	A2	22-11-1990	AT 151438 T AU 623521 B2 AU 5503290 A BR 9002241 A CA 2016749 A1 DE 69030404 D1 DE 69030404 T2 ES 2100864 T3 JP 2894790 B2 JP 3017105 A US 5061666 A US 5132379 A	15-04-1997 14-05-1992 15-11-1990 13-08-1991 15-11-1990 15-05-1997 06-11-1997 01-07-1997 24-05-1999 25-01-1991 29-10-1991 21-07-1992

INTERNATIONAL SEARCH REPORT

Intel
PCT/US2004/024949

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 5362416	A	08-11-1994	FR 2647454 A1		30-11-1990
			AT 101397 T		15-02-1994
			DE 69006539 D1		24-03-1994
			DE 69006539 T2		04-08-1994
			EP 0400715 A1		05-12-1990
			ES 2050935 T3		01-06-1994
			JP 3050204 A		04-03-1991